

PCT - Sequence listing for submission.txt  
SEQUENCE LISTING

<110> PERFORMANCE GENOMICS, INC.

<120> Insulin-Like Growth Factor-1 Receptor (IGF-1R) Polymorphic Alleles and Use of the Same to Identify DNA Markers for Reproductive Longevity

<130> 31649-2137

<150> US 10/662,613

<151> 2003-09-15

<160> 22

<170> PatentIn version 3.2

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## PCT - Sequence listing for submission.txt

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 Ser Lys Ala Glu Asp Tyr Arg Ser Tyr Arg Phe Pro Lys Leu Thr Val  
 65 70 75 80  
 Ile Thr Glu Tyr Leu Leu Leu Phe Arg Val Ala Gly Leu Glu Ser Leu  
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 Gly Asp Leu Phe Pro Asn Leu Thr Val Ile Arg Gly Trp Lys Leu Phe  
 100 105 110  
 Tyr Asn Tyr Ala Leu Val Ile Phe Glu Met Thr Asn Leu Lys Asp Ile  
 115 120 125  
 Gly Leu Tyr Asn Leu Arg Asn Ile Thr Arg Gly Ala Ile Arg Ile Glu  
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 Lys Asn Ala Asp Leu Cys Tyr Leu Ser Thr Ile Asp Trp Ser Leu Ile  
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 165 170 175  
 Glu Cys Gly Asp Leu Cys Pro Gly Thr Leu Glu Glu Lys Pro Met Cys  
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 Glu Lys Thr Thr Ile Asn Asn Glu Tyr Asn Tyr Arg Cys Trp Thr Thr  
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 210 215 220  
 Thr Glu Asn Asn Glu Cys Cys His Pro Glu Cys Leu Gly Ser Cys His  
 225 230 235 240  
 Thr Pro Asp Asp Asn Thr Thr Cys Val Ala Cys Arg His Tyr Tyr Tyr  
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 Gly Trp Arg Cys Val Asp Arg Asp Phe Cys Ala Asn Ile Pro Asn Ala  
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280

285

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Gln Glu Cys Pro Ser Gly Phe Ile Arg Asn Ser Thr Gln Ser Met Tyr  
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cys Ile Pro Cys Glu Gly Pro Cys Pro Lys Val Cys Gly Asp Glu Glu  
 325 330 335

Lys Lys Thr Lys Thr Ile Asp Ser Val Thr Ser Ala Gln Met Leu Gln  
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Gly Cys Thr Ile Leu Lys Gly Asn Leu Leu Ile Asn Ile Arg Arg Gly  
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Asn Asn Ile Ala Ser Glu Leu Glu Asn Phe Met Gly Leu Ile Glu Val  
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Val Thr Gly Tyr Val Lys Ile Arg His Ser His Ala Leu Val Ser Leu  
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Ser Phe Leu Lys Asn Leu Arg Leu Ile Leu Gly Glu Glu Gln Leu Glu  
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Gly Asn Tyr Ser Phe Tyr Val Leu Asp Asn Gln Asn Leu Gln Gln Leu  
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Trp Asp Trp Asn His Arg Asn Leu Thr Val Arg Ser Gly Lys Met Tyr  
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Phe Ala Phe Asn Pro Lys Leu Cys Val Ser Glu Ile Tyr Arg Met Glu  
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Glu Val Thr Gly Thr Lys Gly Arg Gln Ser Lys Gly Asp Ile Asn Thr  
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Thr Ser Thr Thr Thr Trp Lys Asn Arg Ile Ile Ile Thr Trp His Arg  
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Tyr Arg Pro Pro Asp Tyr Arg Asp Leu Ile Ser Phe Thr Val Tyr Tyr  
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Lys Glu Ala Pro Phe Lys Asn Val Thr Glu Tyr Asp Gly Gln Asp Ala  
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Lys Glu Gly Glu Pro Gly Ile Leu Leu His Gly Leu Lys Pro Trp Thr  
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Gln Tyr Ala Val Tyr Val Lys Ala Val Thr Leu Thr Met Val Glu Asn  
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Asp His Ile Arg Gly Ala Lys Ser Glu Ile Leu Tyr Ile Arg Thr Asn  
595 600 605

Ala Ser Val Pro Ser Ile Pro Leu Asp Val Leu Ser Ala Ser Asn Ser  
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Ser Ser Gln Leu Ile Val Lys Trp Asn Pro Pro Thr Leu Pro Asn Gly  
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Asn Leu Ser Tyr Tyr Ile Val Arg Trp Gln Arg Gln Pro Gln Asp Gly  
645 650 655

Tyr Leu Tyr Arg His Asn Tyr Cys Ser Lys Asp Lys Ile Pro Ile Arg  
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Lys Tyr Ala Asp Gly Thr Ile Asp Val Glu Glu Val Thr Glu Asn Pro  
675 680 685

Lys Thr Glu Val Cys Gly Gly Asp Lys Gly Pro Cys Cys Ala Cys Pro  
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Lys Thr Glu Ala Glu Lys Gln Ala Glu Lys Glu Glu Ala Glu Tyr Arg  
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Lys Val Phe Glu Asn Phe Leu His Asn Ser Ile Phe Val Pro Arg Pro  
725 730 735

Glu Arg Arg Arg Arg Asp Val Met Gln Val Ala Asn Thr Thr Met Ser  
740 745 750

Ser Arg Ser Arg Asn Thr Thr Val Ala Asp Thr Tyr Asn Ile Thr Asp  
755 760 765

Pro Glu Glu Phe Glu Thr Glu Tyr Pro Phe Phe Glu Ser Arg Val Asp  
770 775 780

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 Asp Asp Ile Pro Gly Pro Val Thr Trp Glu Pro Arg Pro Glu Asn Ser  
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 Ile Phe Leu Lys Trp Pro Glu Pro Glu Asn Pro Asn Gly Leu Ile Leu  
 850 855 860  
 Met Tyr Glu Ile Lys Tyr Gly Ser Gln Val Glu Asp Gln Arg Glu Cys  
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 Val Ser Arg Gln Glu Tyr Arg Lys Tyr Gly Gly Ala Lys Leu Asn Arg  
 885 890 895  
 Leu Asn Pro Gly Asn Tyr Thr Ala Arg Ile Gln Ala Thr Ser Leu Ser  
 900 905 910  
 Gly Asn Gly Ser Trp Thr Asp Pro Val Phe Phe Tyr Val Pro Ala Lys  
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 Thr Thr Tyr Glu Asn Phe Met His Leu Ile Ile Ala Leu Pro Val Ala  
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PCT - Sequence listing for submission.txt

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Ser Phe Gln Glu Val Ser Phe Tyr Tyr Ser Glu Glu Asn Lys Pro Pro
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50          55          60

Glu Ser Val Pro Leu Asp Pro Ser Ala Ser Ser Ala Ser Leu Pro Leu
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Pro Glu Arg His Ser Gly His Lys Ala Glu Asn Gly Pro Gly Pro Gly
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Val Leu Val Leu Arg Ala Ser Phe Asp Glu Arg Gln Pro Tyr Ala His
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## PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

ataagattcg attagactgt tgctagcttc ctttatgaaa gtttcattaa atacaggatc	25800
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## PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence Listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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## PCT - sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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ccatatacta cacacacagg cagcaagcac acccatata ctacacacat aggcagcaag 116400  
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## PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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174481

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PCT - Sequence listing for submission.txt

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PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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## PCT - Sequence listing for submission.txt

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